

# 32.768kHz SMD REFLOWABLE, CYLINDRICAL TYPE TUNING FORK CRYSTAL

AB206J



**RoHS**  
Compliant



8.3 x 2.7mm

## FEATURES:

- Formed leads for low cost SMD type
- Excellent shock resistance
- Reflow Capable

## APPLICATIONS:

- Real time clock
- Measuring instruments
- Blue-tooth and wireless applications

## STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N	AB206J
Frequency	32.768 kHz
Operating Temperature	-40°C to + 85°C
Turn-over Temperature	25°C to $\pm 5^{\circ}\text{C}$
Storage Temperature	-55°C to +125°C
Frequency Tolerance	$\pm 20$ ppm max. at 25°C
Frequency Stability	$-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}^2$
Equivalent Series Resistance	50k $\Omega$ max.
Shunt Capacitance C0	1.35pF typical
Load Capacitance CL	12.5pF (see options)
Quality Factor	70,000 typ.
Drive Level	1 $\mu\text{W}$ max.
Aging at 25°C first year	$\pm 3\text{ppm}$ max. at 25°C $\pm 3^{\circ}\text{C}$
Insulation Resistance	500 M $\Omega$ min. at 100 Vdc $\pm 15\text{V}$

## OPTIONS & PART IDENTIFICATION:

[Left blank if standard]

**AB206J-Frequency-□-□**

Load Capacitance	
Blank	12.5pF
6	6pF

\*Contact ABRACON for non-standard load capacitance

Packaging	
Blank	Bulk
T	Tape and Reel (3Kpcs/ reel)

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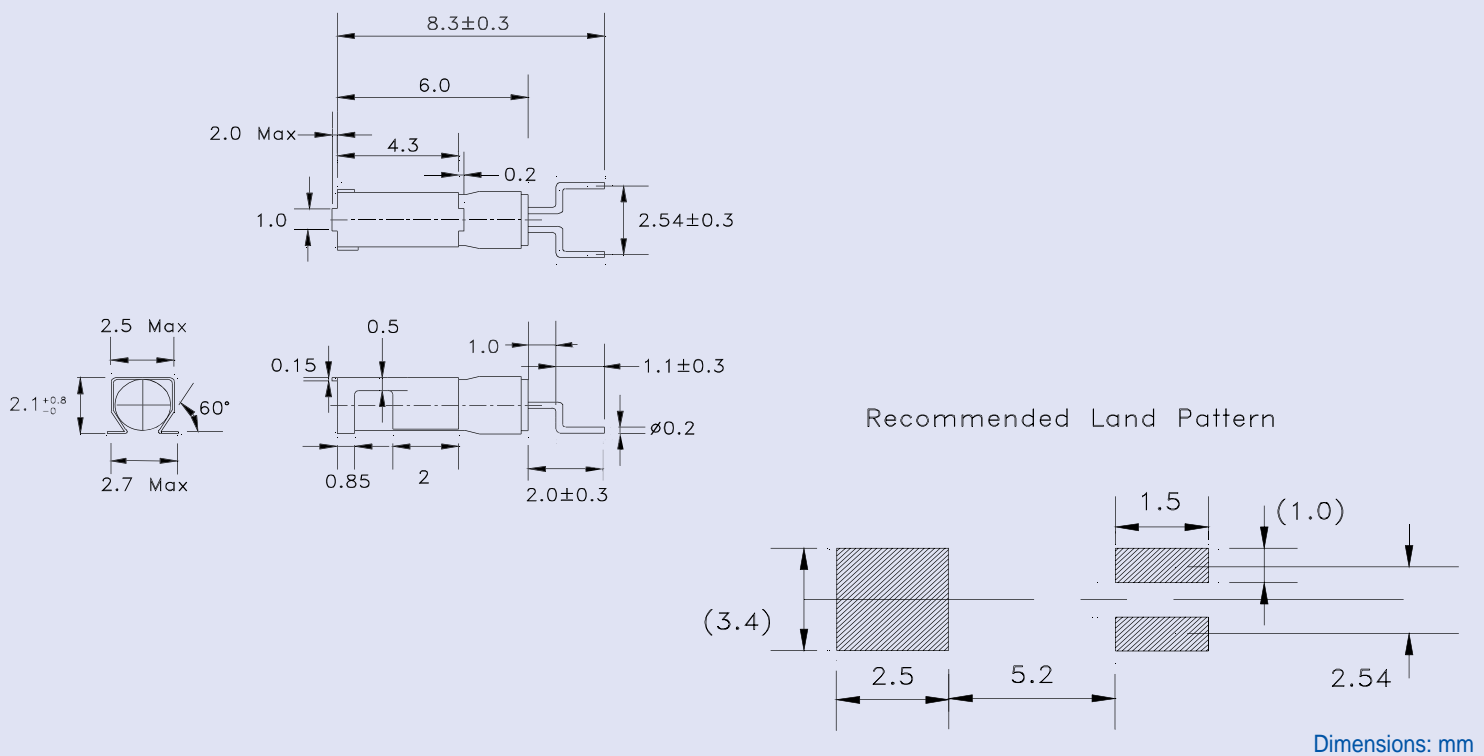


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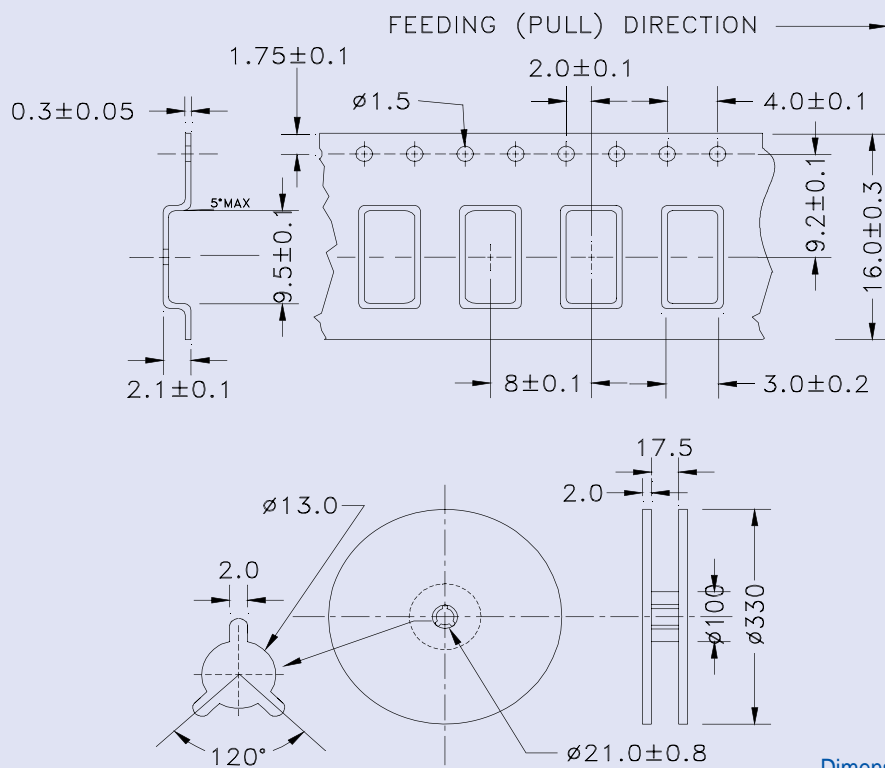


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## OUTLINE DRAWING:



## TAPE & REEL: T = Tape and reel 3,000pcs/reel



Dimensions: mm

ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



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CORPORATION

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